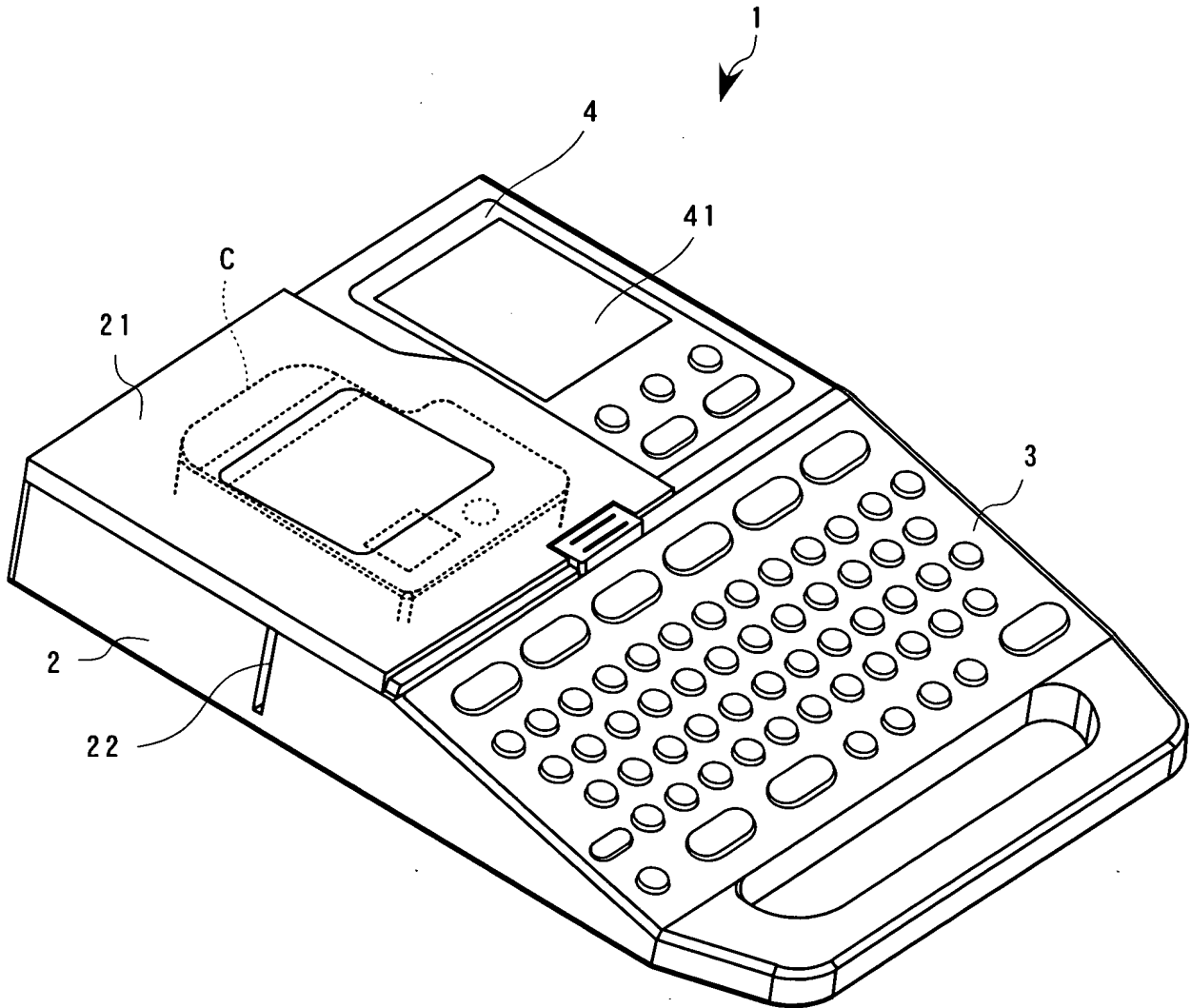


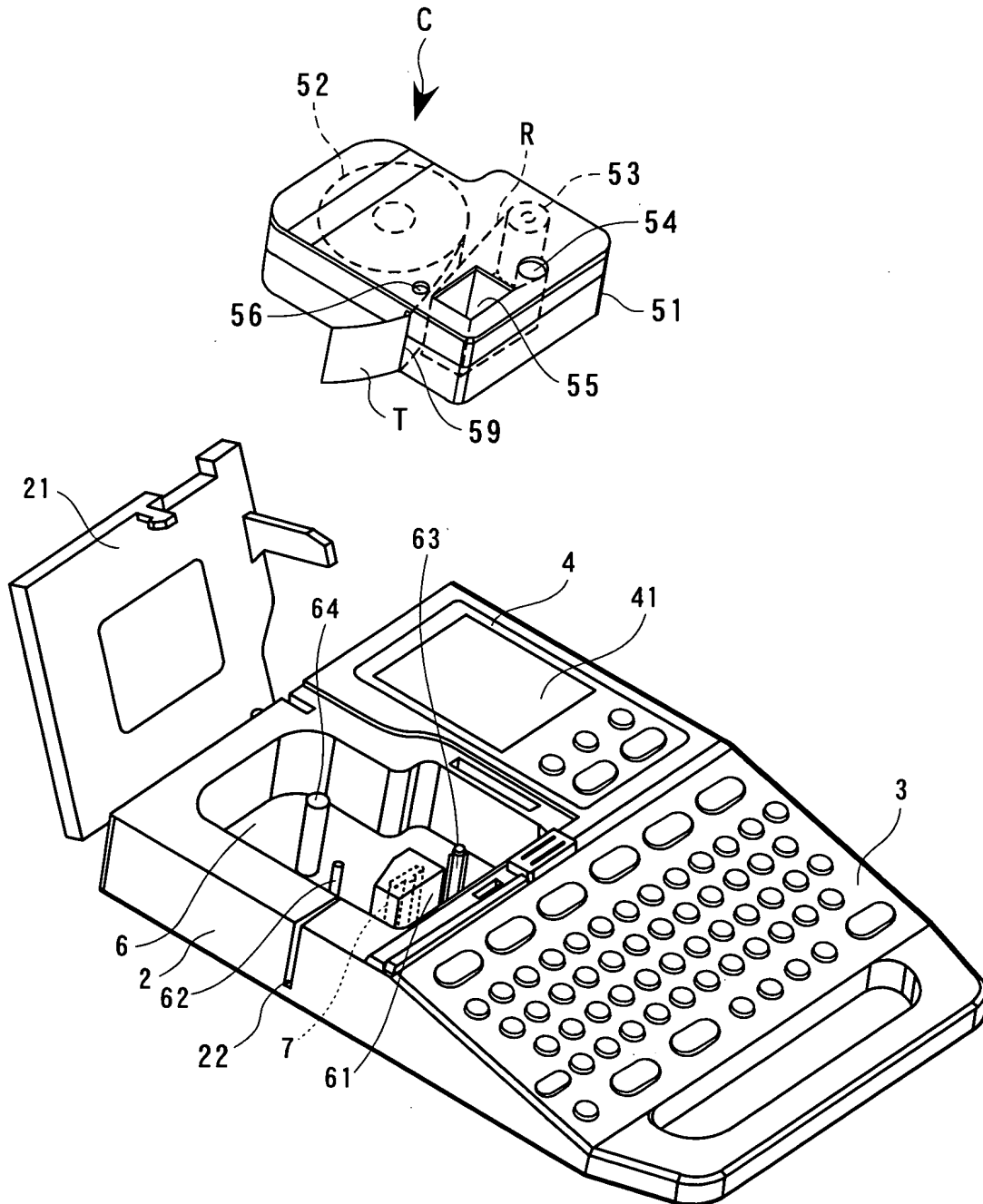
1/17

F I G. 1



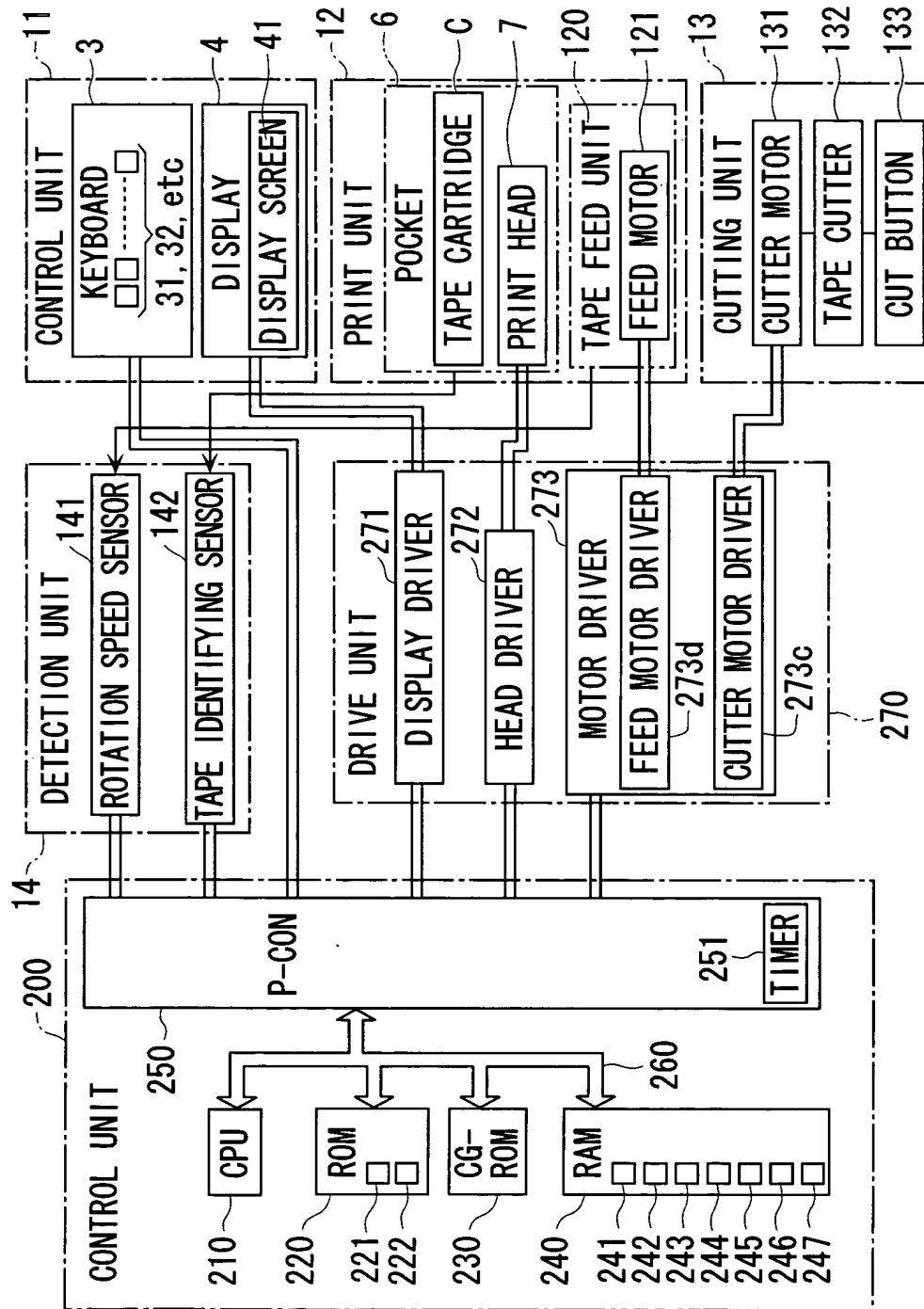
2/17

F I G. 2



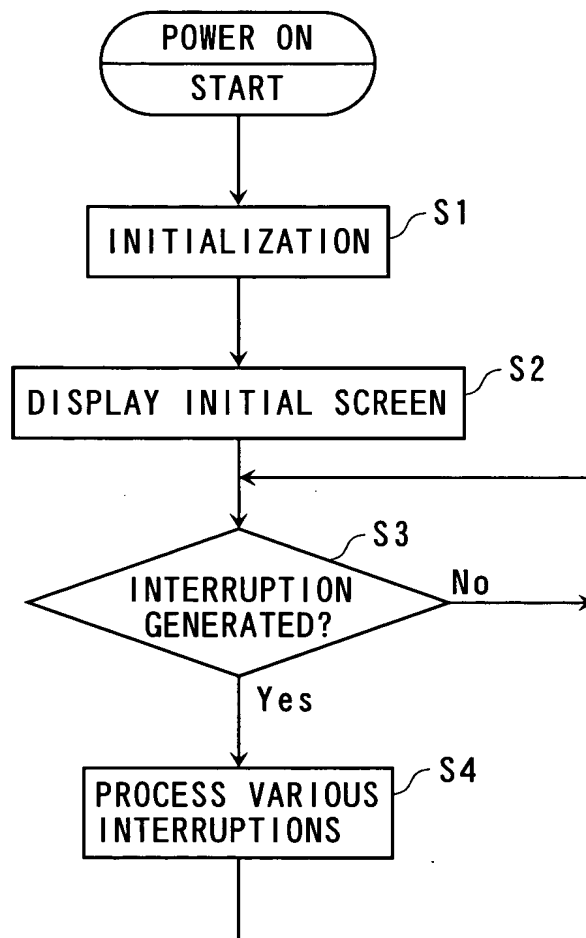
3/17

FIG. 3



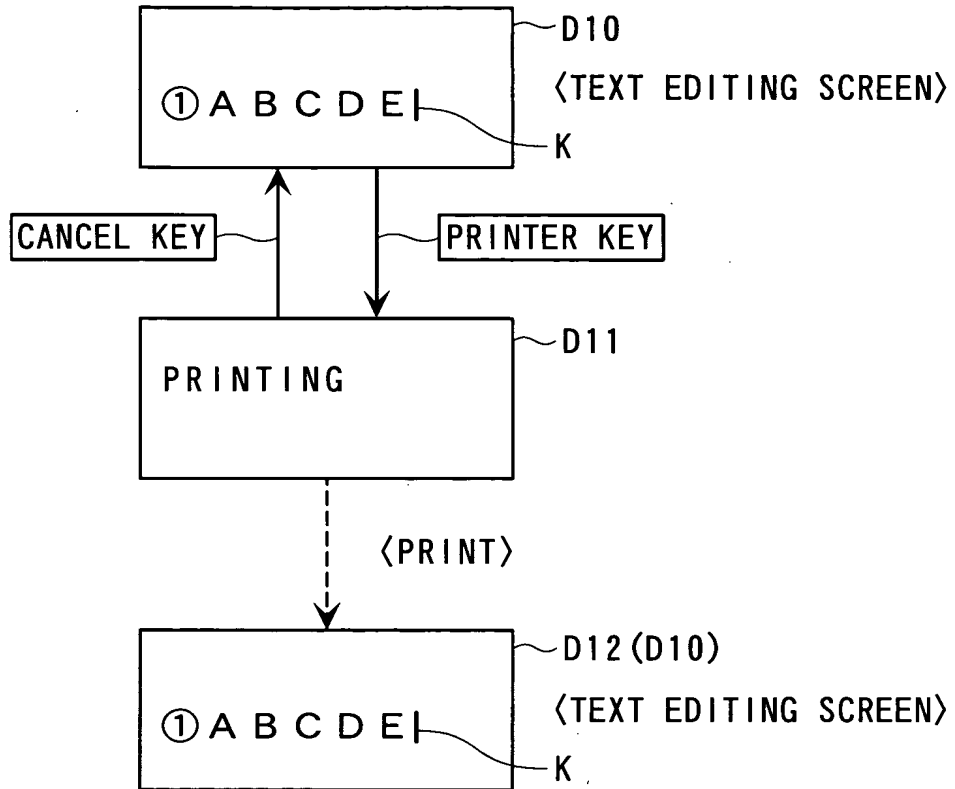
4/17

FIG. 4



5/17

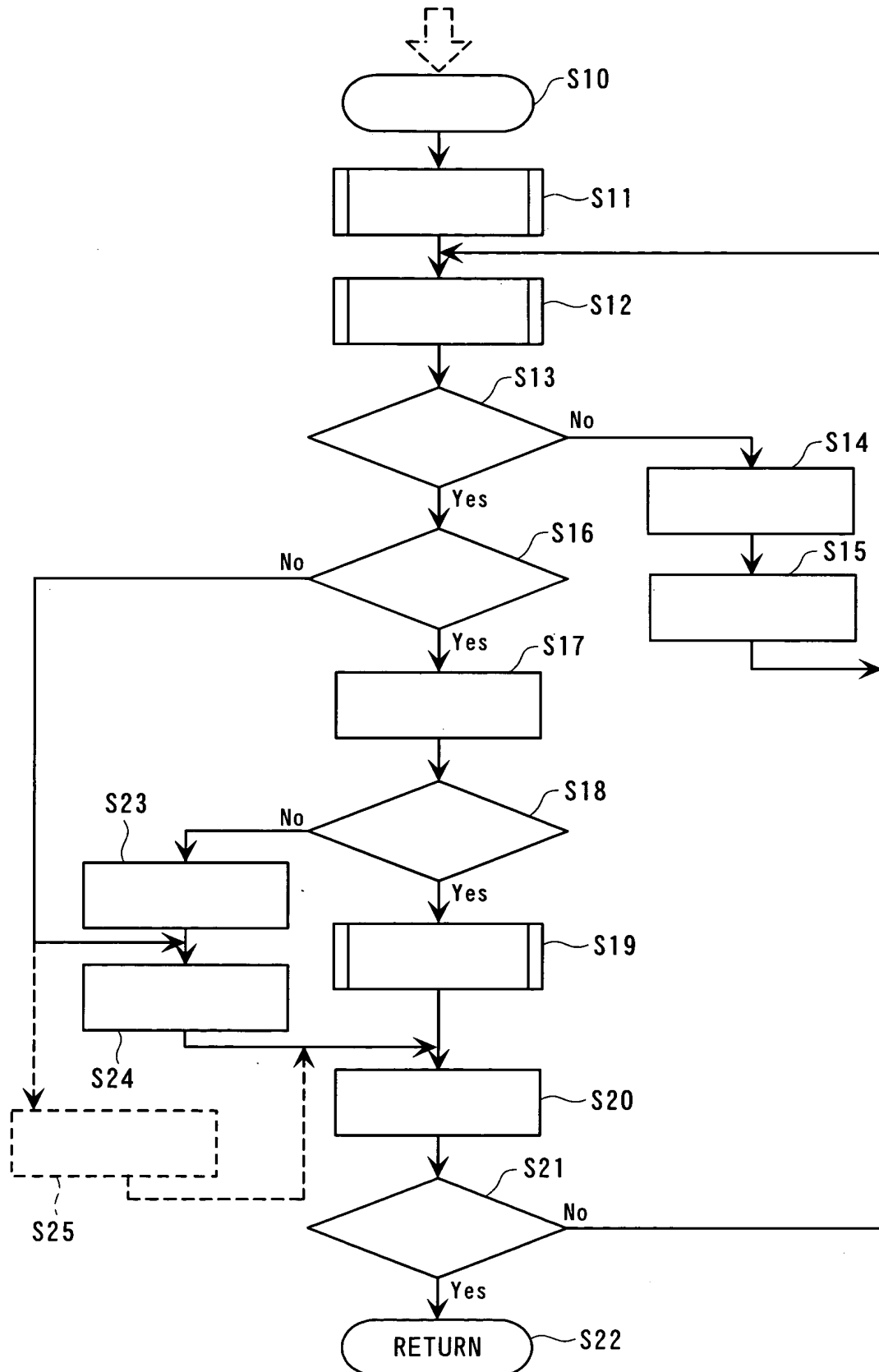
FIG. 5



6/17

FIG. 6A

PRINTER PROCESSING INTERRUPTION



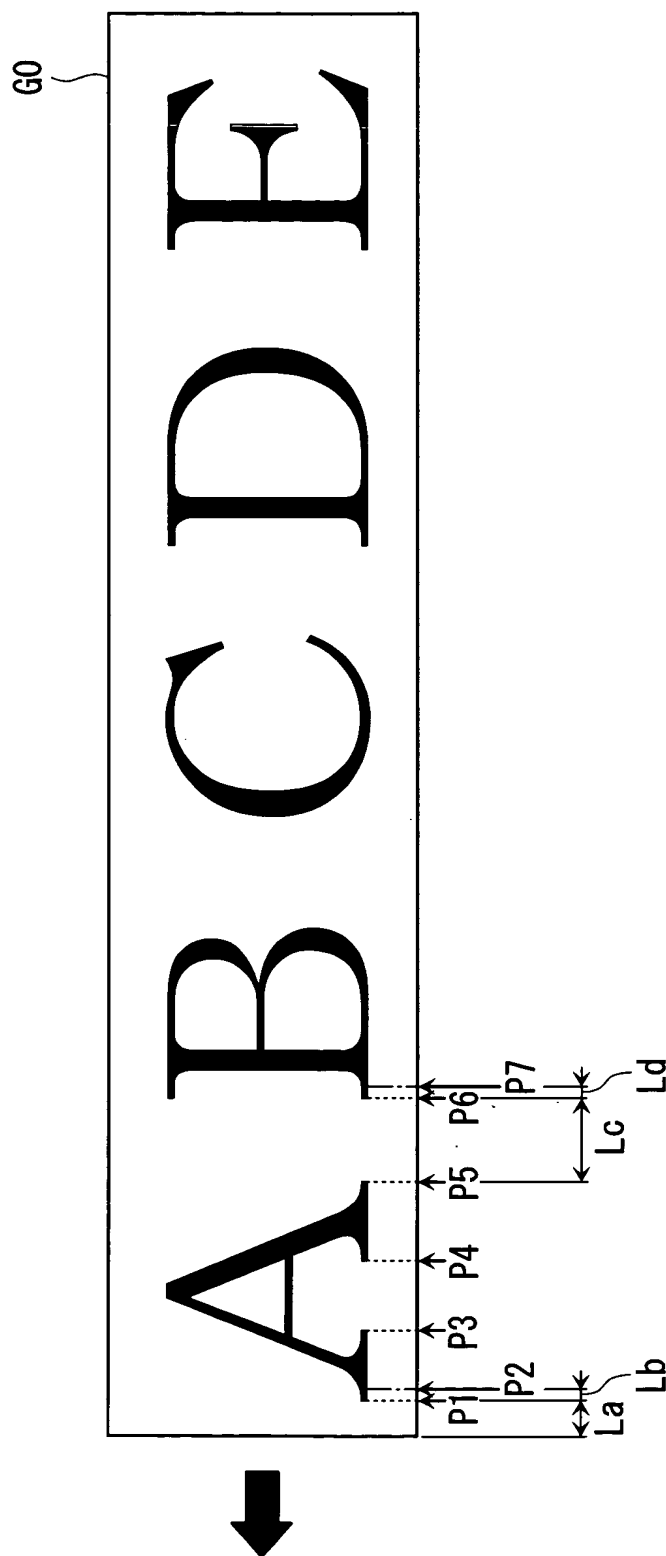
7/17

FIG. 6B

S10	PRINT PROCESSING
S11	INITIALIZE NUMBER m OF CONSECUTIVE BLANK LINES(WL) AND NUMBER n OF CONSECUTIVE PRINT LINES(BL)
S12	RETRIEVE PRINT IMAGE DATA(ANALYSIS AND PREPARATION, ETC. OF NEXT LINE)
S13	PRINT LINE?
S14	CLEAR NUMBER n OF CONSECUTIVE BL [$n \leftarrow 0$]
S15	COUNT NUMBER m OF CONSECUTIVE WL [$m \leftarrow m+1$]
S16	PRINTING AFTER ABOVE SET NUMBER M OF BLANK LINES? [$M \leq m$]
S17	COUNT NUMBER n OF CONSECUTIVE BL [$n \leftarrow n+1$]
S18	SET NUMBER N OR SMALLER NUMBER OF PRINT LINES? [$N \geq n$?]
S19	ADJUST STROBE WIDTH(ADJUST APPLIED ENERGY)
S20	PRINT ONE LINE
S21	FINISH PRINTING?
S23	CLEAR NUMBER n OF CONSECUTIVE BL [$n \leftarrow 0$]
S24	CLEAR NUMBER m OF CONSECUTIVE WL [$m \leftarrow 0$]
S25	DECREMENT OF m $\left(\begin{array}{l} m \leftarrow m-1 \text{ } (m \geq 1) \\ m \leftarrow 0 \text{ } (m \leq 0) \end{array} \right)$

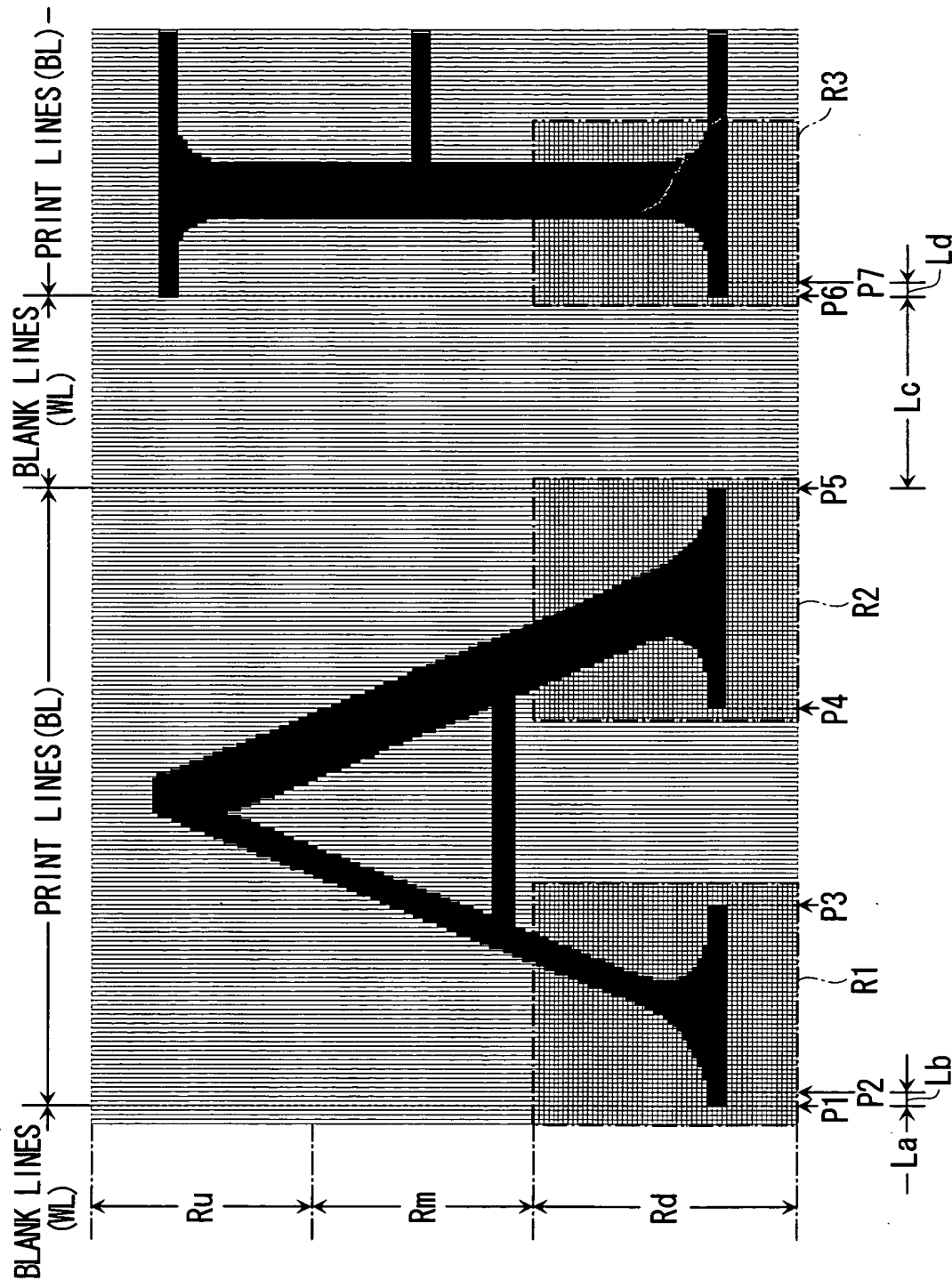
8/17

FIG. 7



9/17

FIG. 8



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10/17

FIG. 9C

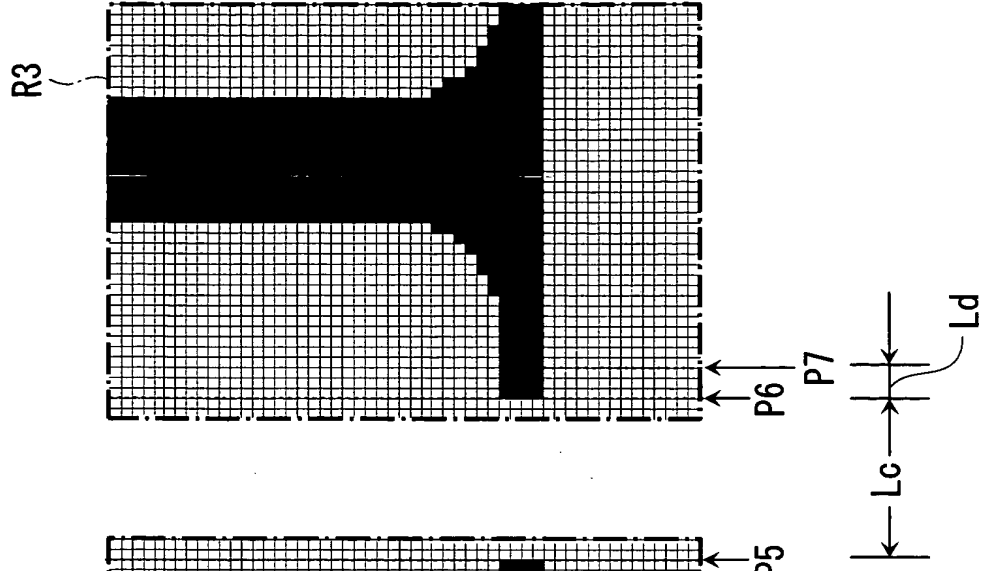


FIG. 9B

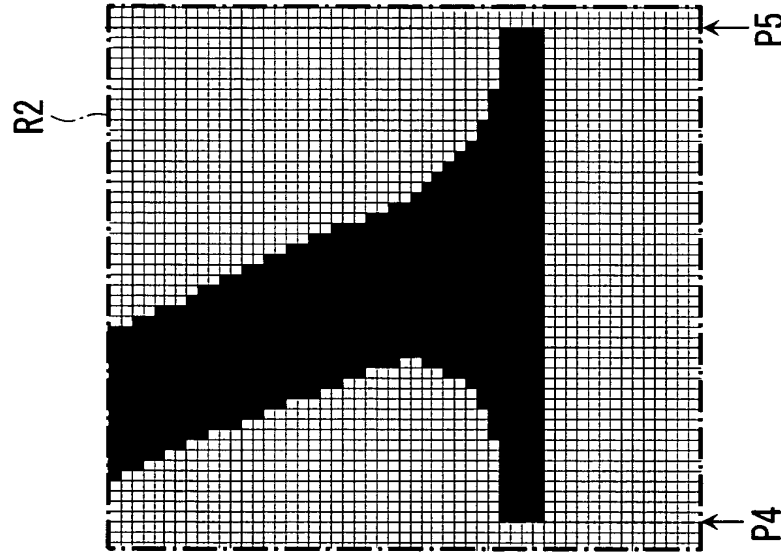
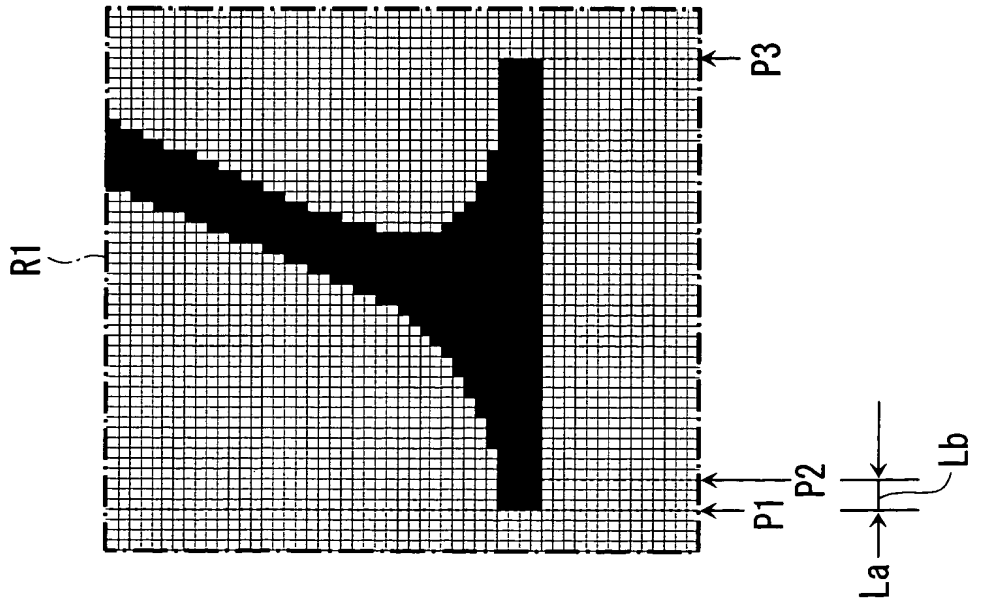


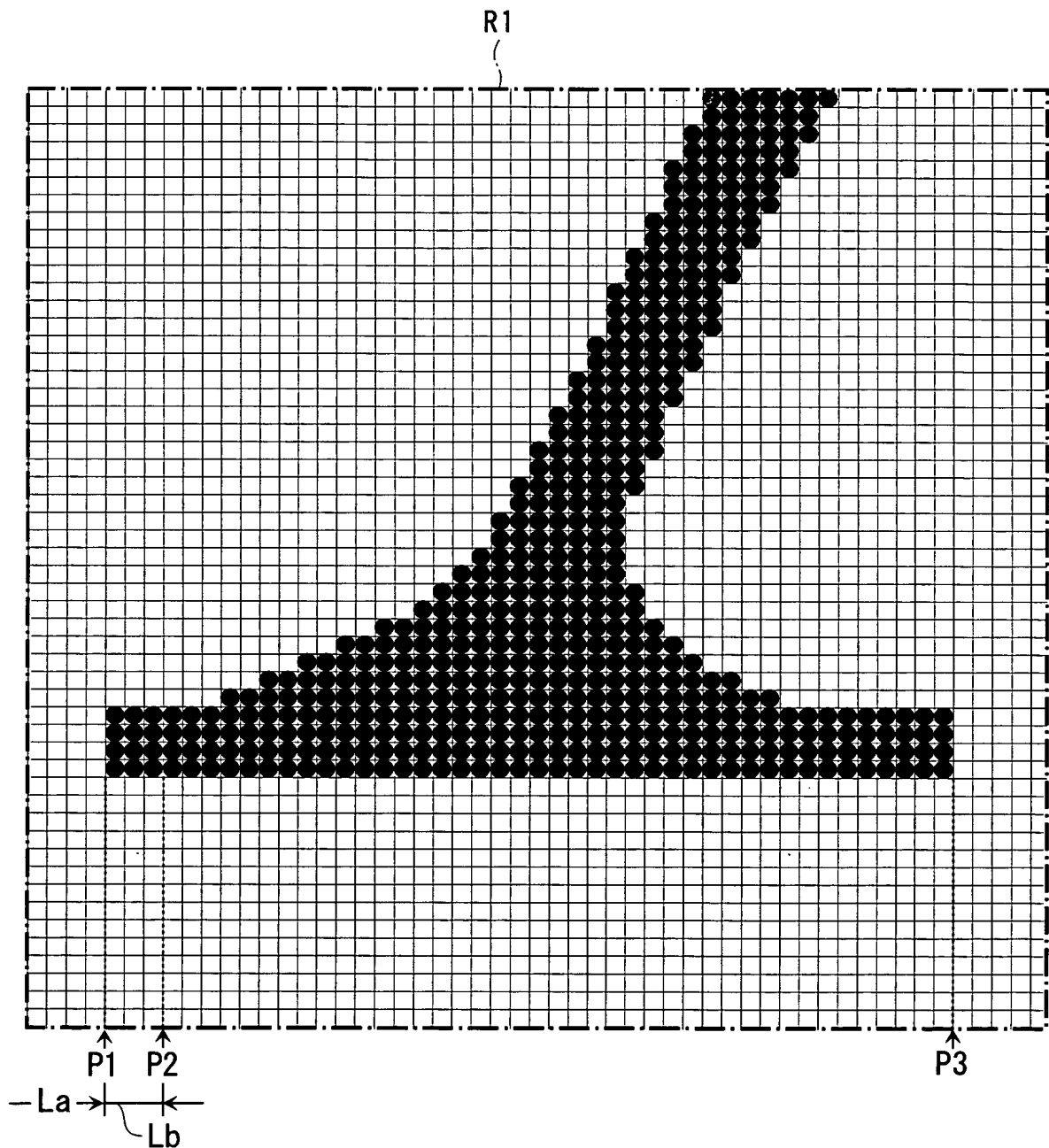
FIG. 9A



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11/17

FIG. 10

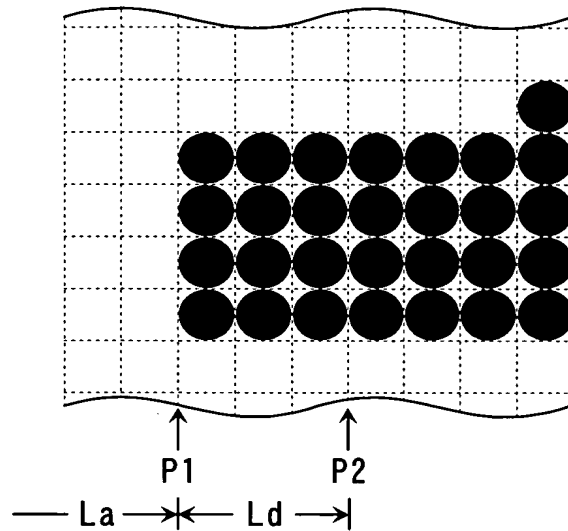


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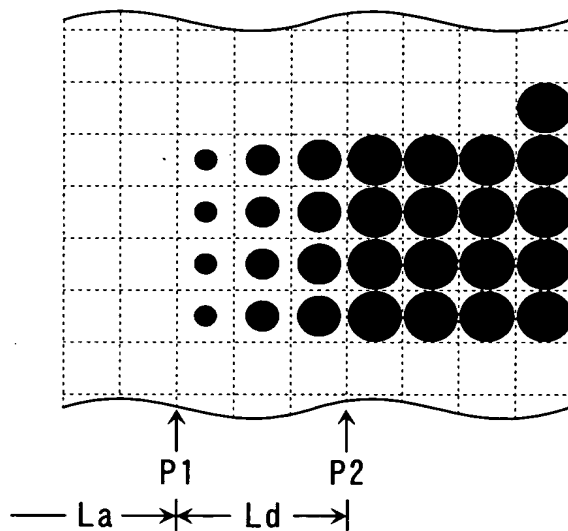
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12/17

F I G. 1 1 A

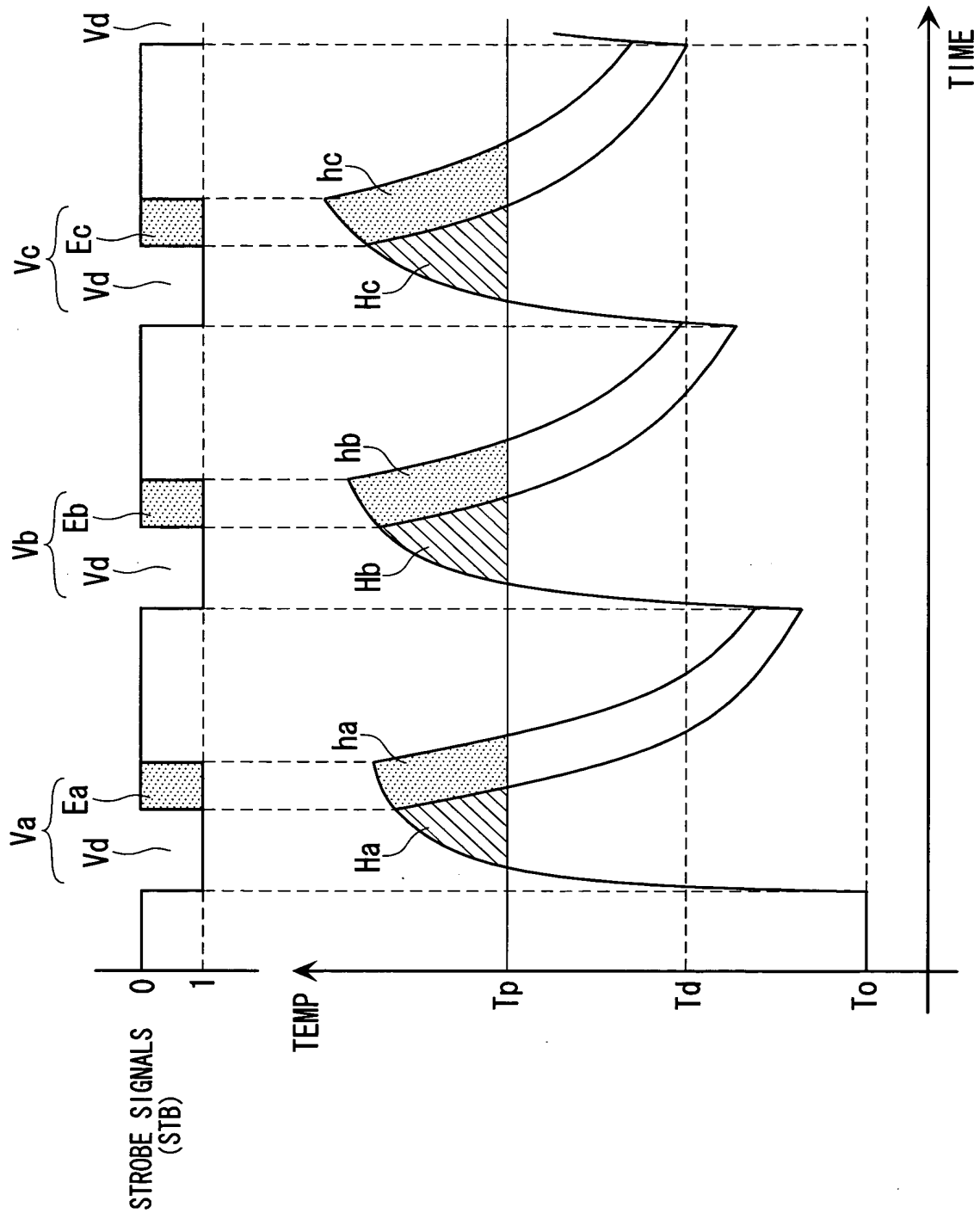


F I G. 1 1 B



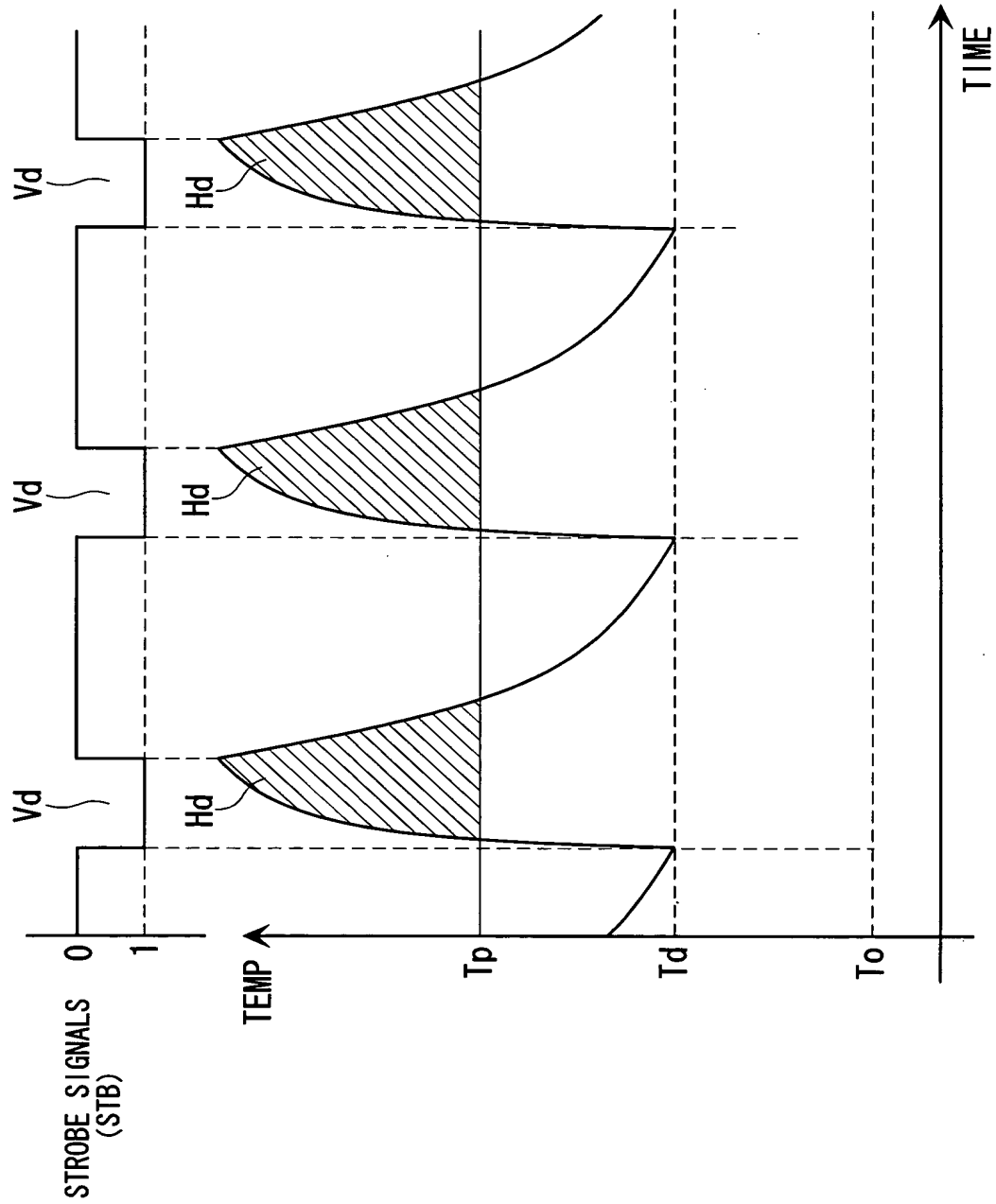
13/17

FIG. 12



14/17

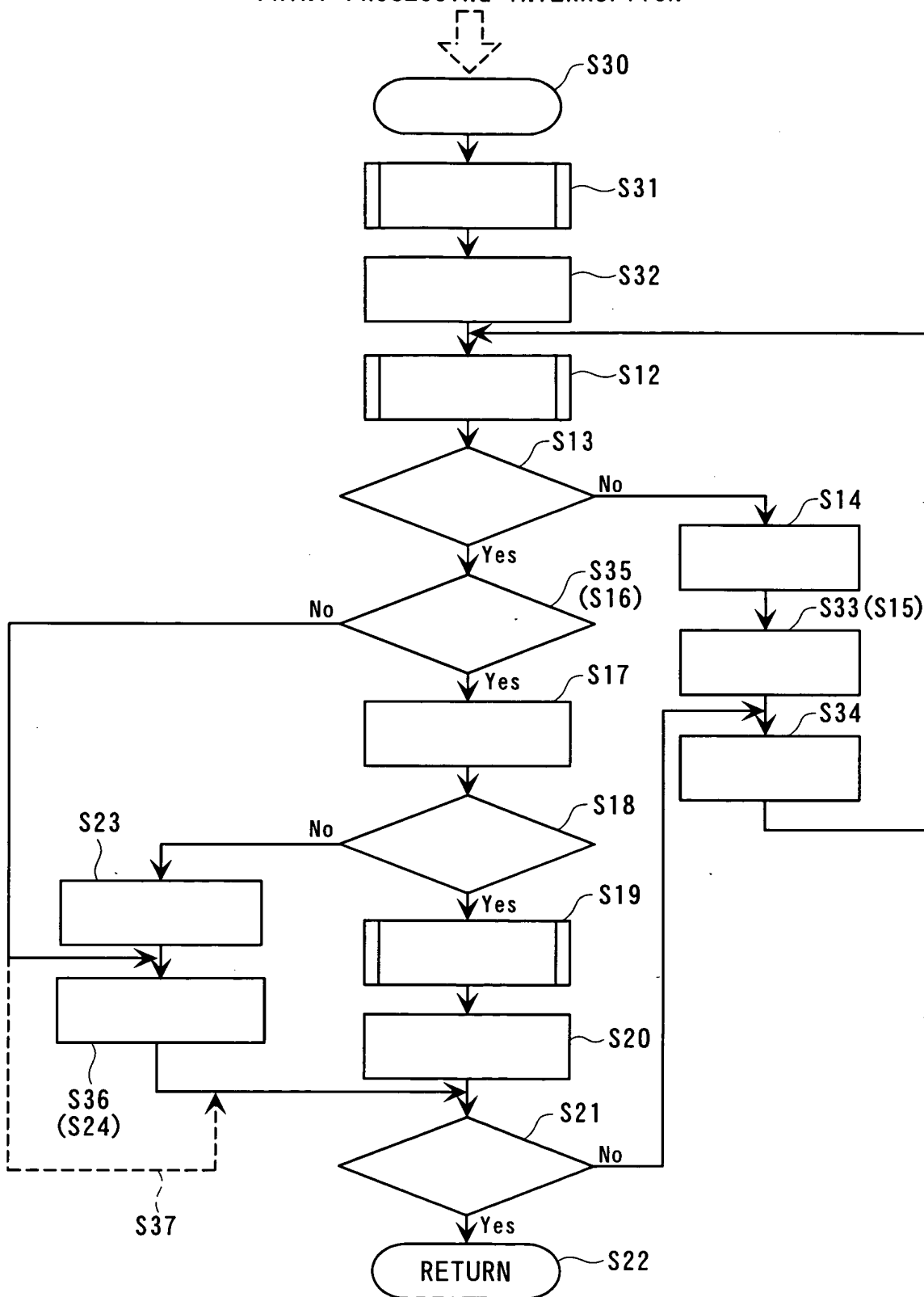
FIG. 13



15/17

FIG. 14A

PRINT PROCESSING INTERRUPTION



16/17

F I G. 1 4 B

S30	PRINT PROCESSING
S31	INITIALIZE DURATION k OF CONSECUTIVE BLANK LINES (WL), NUMBER n OF CONSECUTIVE PRINT LINES (BL) AND TIMER VALUE (TIM AND TIM2)
S12	RETRIEVE PRINT IMAGE DATA (ANALYSIS AND PREPARATION, ETC. OF NEXT LINE)
S13	PRINT LINES?
S14	CLEAR NUMBER n OF CONSECUTIVE BL [$n \leftarrow 0$]
S33 (S15)	RENEW CONTNUED DURATION k OF WL [$k \leftarrow k + \text{TIM} - \text{TIM2}$]
S34	RETAIN (SAVE) PRESENT TIM [$\text{TIM2} \leftarrow \text{TIM}$]
S35 (S16)	PRINTING AFTER ABOVE SET DURATION K OF BLANK LINES IS ELAPSED? [$K \leq k$?]
S17	COUNT NUMBER n OF CONSECUTIVE BL [$n \leftarrow n + 1$]
S18	SET NUMBER N OR SMALLER NUMBER OF PRINT LINES? [$N \geq n$?]
S19	ADJUST STROBE WIDTH (ADJUST APPLIED ENERGY)
S20	PRINT ONE LINE
S21	FINISH PRINTING?
S23	CLEAR NUMBER n OF CONSECUTIVE BL [$n \leftarrow 0$]
S36 (S24)	CLEAR DURATION k OF CONSECUTIVE WL [$k \leftarrow 0$]

17/17

FIG. 15

